

02/14/02  
10082-U.S. PTO

02-15-02

A

Docket No. 6156

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of:

Inventor(s): Louay Eldada

For (title): HITLESS ERRORLESS TRIMMABLE DYNAMIC OPTICAL  
ADD/DROP MULTIPLEXER DEVICES

11017 U.S. PTO  
10/075138  
02/14/02

1. **Type of Application**

- ☒ Utility  
☐ Design

2. **Small Entity**

- ☒ Yes  
☐ No

3. **Benefit of Prior U.S. Application(s) Under 35 U.S.C. §120**

This application is a:

- ☐ Divisional  
☐ Continuation  
☐ Continuing Patent Application (CPA) under 37 C.F.R. §1.53(d)  
☐ Continuation-in-part (CIP),

and hereby claims benefit under 35 U.S.C. §120 to the following applications:

SERIAL NUMBER	FILING DATE

4. **Benefit of Non-U.S. Application Under 35 U.S.C. §119(a)-(d)**

This application claims priority under 35 U.S.C. §119(a)-(d) to the following foreign application(s) and/or inventor certificate(s):

COUNTRY	APPLN. NUMBER	FILING DATE
None		

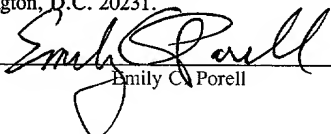
Certified copy(ies) of the application(s) and/or inventor certificate's from which priority is claimed:

- ☐ is(are) attached;  
☐ will follow.

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**CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. §1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on February 13, 2002 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV016161650US addressed to the: Assistant Commissioner of Patents, Washington, D.C. 20231.

  
Emily C. Porell

5. **Benefit of Provisional Application Under 35 U.S.C. §119(e)**

This application claims priority to the following provisional application(s):

SERIAL NUMBER	FILING DATE
60/274,976	03/12/2001

6. **Papers Enclosed Which Are Required For Filing Date Under 37 C.F.R. §1.53**

53 Pages of Specification, including claims, coversheet, and abstract

18 Sheets of Drawing

7. **Additional Papers Enclosed**

- ☐ Declaration and Power of Attorney
- ☐ Preliminary Amendment
- ☒ Information Disclosure Statement (37 CFR 1.98), Form PTO-1449 and a copy of each cited reference
- ☐ Assignment and Form PTO-1595
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing" computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequences.
- ☐ Other \_\_\_\_\_

8. **Application Filing Fee Calculation**

A. ☒ Utility Application

**FEE CALCULATION:**

Total Claims: 34 - 20 = 14 × \$18 = \$ 252.00

Independent Claims: 6 - 3 = 3 × \$84 = \$252.00

Basic Fee: .....\$740.00

Multiple-Dependent-Claim Fee : .....\$

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Total of the Above Calculations:..... \$1,244.00

- ☐ Amendment canceling extra claims enclosed.
- ☐ Amendment deleting multiple dependencies enclosed.
- ☐ Fee for extra claims is not being paid at this time.

B. ☐ Design application - \$320 \$

Application Filing Fee Sub-Total ..... \$

C. ☒ Less 50% reduction for small entity..... \$622.00

D. ☐ Non-English Specification - \$130..... \$

**TOTAL FILING FEE ..... \$ 622.00**

9:

**Payment**



Enclosed



Check in the amount of the Total Filing Fee set forth above.



Charge Account No. 19-0079 in the amount of Total Filing Fee set forth above. A duplicate of this transmittal is attached.



Not Enclosed

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§1.16 and 1.17 that may be required by this paper or any paper filed in connection with this Patent Application, or refund any overpayment to our Deposit Order Account No. 19-0079.

Respectfully submitted,



Matthew E. Connors

Reg. No. 33,298

Samuels, Gauthier & Stevens LLP

225 Franklin Street, Suite 3300

Boston, MA. 02110

(617) 426-9180, Ext. 112

10075139-034403

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>APPLICANT:</b>	Louay Eldada	<b>GROUP:</b>	Unknown
<b>SERIAL NO:</b>	Unknown	<b>EXAMINER:</b>	Unknown
<b>FILED:</b>	Herewith		
<b>FOR:</b>	HITLESS ERRORLESS TRIMMABLE DYNAMIC OPTICAL ADD/DROP MULTIPLEXER DEVICES		

**Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231  
Attn: Licensing and Review**

**Sir:**

**PETITION FOR LICENSE FOR FOREIGN FILING**  
**(U.S. PATENT APPLICATION BEING FILED CONCURRENTLY)**  
**(37 C.F.R. § 5.14)**

Petition is hereby made, in duplicate, for a license under 37' CFR 5.12(b), for the foreign filing of the subject matter for which a corresponding U.S. application is being filed concurrently herewith. A copy of this application is attached hereto to assist in the handling of this petition.

It is requested that the duplicate copy of the petition be returned with the license or other action on the petition.

It is believed that this invention is clearly of no interest from a security standpoint, as it relates to integrated optical add/drop multiplexer devices in which light of a specific wavelength (or specific wavelengths) can be added to or dropped from a main fiber optic line. An actuation mechanism (e.g. heat) is used to tune and/or trim the devices. Some proposed architectures

**CERTIFICATE OF DELIVERY UNDER 37 C.F.R. §1.10**

I hereby certify that this Petition for License for Foreign Licensing and the documents referred to as enclosed therein are being deposited with the United States Postal Service on February 14, 2002 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV016161650US addressed to the: Assistant Commissioner of Patents, Washington, D.C. 20231.

Emily C. Porell

Emily C. Porel

09/21/2009 RESUBMIT, 05:52, 047133

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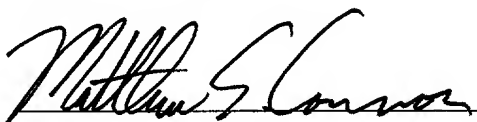
12-02-51

provide for tuning of the adding and dropping of channels in a hitless manner, a manner that is non-disruptive to other wavelength channels.

Expedited handling of this petition or license is requested. Therefore, enclosed is a check for \$130.00 for the petition fee. The Commissioner is authorized to charge any further fees that are required to Deposit Order Account 19-0079.

Please notify the petitioner of the license, by facsimile, to the attention of Matthew E. Connors, Esq. (617) 426-2275.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Matthew E. Connors", written over a horizontal line.

Matthew E. Connors  
Registration No. 33,298  
Samuels, Gauthier & Stevens  
225 Franklin Street, Suite 3300  
Boston, Massachusetts 02110  
Tel. No. (617) 426-9180, Writer's Ext.: 112

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